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			U.S	. PATENT DOCUMENTS			
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TM	AA_	3,798,209		Wilkowski, et al.	03-19-1974		
1	AB	RE29,835		Witkowski <i>et al</i> .	11-14-1978		Г
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Complete if Known Substitute for form 1449A/PTO Application Number 10/607,909 INFORMATION DISCLOSURE Filing Date June 27, 2003 First Named Inventor STATEMENT BY APPLICANT Sommadossi et al. Group Art Unit 1646 (use as many sheets as necessary) **Examiner Name** Unassigned 2 Attorney Docket Number 06171.105088 IDX 1031

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T	M	BA	WO	91/18914	A1	Vical Inc.	12-12-1991		
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Substitute for form 1449A/PTO				June 27, 2003  Sommadossi et al.  1646  Unassigned	
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TM	CA	wo	04/003138	A2	Merck & Co., Isis Pharmaceutical	01-08-2004		T
TM	СВ	wo	04/007512	A2	Merck & Co., Isis Pharmaceutical	01-22-2004		T
TM	CC	wo	04/009020	A2	Merck & Co., Isis Pharmaceutical	01-29-2004		1

		OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS	
Examiner Initials *	Cite No. 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sub>e</sub>
TM	CD	BAGINSKI, S. G, et al., "Mechanism of action of a pestivirus antiviral compound," PNAS USA, 97(14): 7981-7986 (2000).	
	CE	BATTAGLIA, A.M. et al., "Combination Therapy with Interferon and Ribavirin in the Treatment of Chronic Hepatitis C Infection", Ann. Pharmacother, 34:487-494 (2000).	
	CF	BERENGUER, M. et al., "Hepatitis C virus in the transplant setting", Antivir. Ther., 3 (Suppl 3):125-136 (1998).	
	CG	BERMAN, E, et al., "Synergistic cytotoxic effect of azidothymidine and recombinant interferon alpha on normal human bone marrow progenitor cells," Blood, 74(4):1281-1286 (1989)	
СН		BHAT et al. (Oral Session V, Hepatitis C Virus, Flaviviridae, 2003 (Oral Session V, Hepatitis C Virus, Flaviviridae; 16 <sup>th</sup> International Conference on Antiviral Research (April 27, 2003, Savannah, Ga.); p A75).	
	CI	BROWNE, M.J., et al., "2',3'-didehydro-3'-deoxythymidine (d4T) in patients with AIDS or AIDS-Related Complex: A Phase I trial," J. Infect. Dis., 167(1):21-29 (1993).	
	CJ	COLACINO, J. M., "Review article: Mechanisms for the anti-hepatitis B virus activity and mitochondrial toxicity of fialurdine (FIAU)," Antiviral Res., 29(2-3): 125-39 (1996).	
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	CL	DAVIS, G.L., "Current therapy for chronic Hepatitis C," Gastroenterology 118:S104-S114 (2000).	
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<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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	DI	FISCHL, M.A., et al., "Zalcitabine compared with zidovudine in patients with advanced HIV-1 infection who received previous zidovudine therapy," Ann. Intern. Med., 18(10):762-769 (1993).	
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		OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
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	EE	KHAMNEI, S., "Neighboring group catalysis in the design of nucleotide prodrugs," J. Med. Chem., 39:4109-4115 (1996).			
	EF	KUCERA, L.S., et al., "Novel membrane-interactive ether lipid analogs that inhibit infectious HIV-1 production and induce defective virus formation," AIDS Res. Hum. Retro Viruses, 6:491-501 (1990).			
	EG	KURTZBERG J., et al., "Differential toxicity of carbovir and AZT to human bone marrow hematopoietic progenitor cells in vitro," Exp. Hematol., 18(10):1094-1096 (1990).			
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	EJ	LEWIS W, et al., "Zidovudine induces molecular, biochemical, and ultrastructural changes in rat skeletal muscle mitochondria," J. Clin. Invest., 89(4):1354-1360 (1992).			
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**Examiner Name** 

Attorney Docket Number 6 06171.105088 IDX 1031 of 3405786 1 OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS Examiner Cite Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. Initials \* No. McCORMICK, J., et al., "Structure and total synthesis of HF-7, a neuroactive glyconucleoside disulfate TM from he funnel-web spide Hololena curta," J. Am. Chem. Soc., 121(24), 5661-5664 (1999). MCKENZIE, R., et al., "Hepatic failure and lactic acidosis due to fialuridine (FIAU), an investigational FB nucleoside analogue for chronic hepatitis B", N. Engl. J. Med., 333(17):1099-1105 (1995). FC MEIER, C., et al., "Cyclic saligenyl phosphotriesters of 2',3'-dideoxy-2',3'-didehydrothymidine (d4T) -A new pro-nucleic approach." Bioorganic & Med. Chem. Letters 7(2):99-104 (1997). MEDINA, D. J., et al., "Comparison of mitochondrial morphology, mitochondrial DNA content, and FD cell viability in cultured cells treated with three anti-Human Immunodeficiency Virus dideoxynucleosides," Antimicrob. Agents Chemother., 38(8):1824-8 (1994). FE MEYER, R.B., Jr., et al., "2'-O-Acyl-6-thioinosine cyclic 3',5'-phosphates as prodrugs of thioinosinic acid," J. Med. Chem. 22: 811-815 (1979). NEIDLEIN, R., et al., "Mild preparation of 1-benzyuloxyiminoalkylphosphonic dichlorides: Application to the synthesis of cyclic phosphonic diesters and cyclic monoester amides," Heterocycles 35:1185-1203 (1993). NUTT, R.F., et al., "Branched-chain sugar nucleosides. III. 3'-C-methyladenine", J.Org. Chem., FG 33:1789-1795 (1968). FH OLSEN, et al. (Oral Session V, Hepatitis C Virus, Flaviviridae; 16th International Conference on Antiviral Research (April 27, 2003, Savannah, Ga.) p A76). PAN-ZHOU, X-R, et al., "Differential effects of antiretroviral nucleoside analogs on mitochondrial FI function in HepG2 cells," Antimicrob. Agents Chemother. 44:496-503 (2000).

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Examiner Initials *	Cite No. 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>6</sup>						
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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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**Application Number** 10/607,909 Filing Date June 27, 2003 First Named Inventor Sommadossi et al. Group Art Unit 1623 **Examiner Name** Traviss C. McIntosh III

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			U.S	S. PATENT DOCUMENTS			
Examiner Initials *	Cite No. 1	(if	nt ind Code known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages/Relevant Figures Appear	T <sup>6</sup>
TM	AA	6,348,587		Schinazi et al.	02-19-2002		
1	AB	2002/0095033		Ramasamy et al.	07-18-2002		
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INFORMATION DISCLOSI	URE Filing Date	June 27, 2003			
STATEMENT BY APPLICA	NT First Named Inventor	Sommadossi et al.			
<b></b>	Group Art Unit	1623			
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2 of 4	Attorney Docket Number	06171.105088 IDX 1031			
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тм	BQ	AWANO, H., et al., "Nucleosides and nucleotides. Part 144. Synthesis and antiviral activity of 5-substituted (2'S)-2'-deoxy-2'-C-methylcytidines and -uridines," Archiv der Pharmazie, VCH Verlagsgesellschaft mbh, Weinheim, DE. 329:66-72 (February 1, 1996).							
TM	BR	BEIGELMAN, L.N., et al, "A general method for synthesis of 3'-C-alkylnucleosides," Nucleic Acids Symp. Ser., 9:115-118 (1981).							
TM	BS	BIANCO, et al., "Synthesis of a New Carbocyclic Nucleoside Analog", Tetrahedron Letters, vol. 38. no. 36., Set 8 1997	·						

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			Application Number	10/607,909		
			Filing Date	June 27, 2003		
			First Named Inventor	Sommadossi et al. 1623		
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Substitute for form 1449A/PTO			Application Number	10/607,909	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Filing Date	June 27, 2003	
			First Named Inventor	Sommadossi et al.	
			Group Art Unit	1623	
			Examiner Name	Traviss C. McIntosh III	
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